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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/826,939	04/16/2004	Hsiu Chu Yang	4366SF	1612

7590  
Hsiu Chu Yang  
P.O. Box 63-298  
Taichung, 406  
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EXAMINER
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GEHMAN, BRYON P

ART UNIT	PAPER NUMBER
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3728

DATE MAILED: 12/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/826,939

Applicant(s)

YANG, HSIU CHU

Examiner

Bryon P. Gehman

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 April 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>4/16/04</u> . | 6) <input type="checkbox"/> Other: _____  |

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In claim 1, lines 11-12, "said projection of said spring blade" lacks clear antecedent basis, as the previously defined projection is not clearly defined as part of the spring blade.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

4. Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Liu (2005/0126943). Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Tong (6,854,607). Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Vasudeva et al. (6,854,594). Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Tong (6,581,894). Each discloses a display device for an article (50; 4; 12; 20; respectively) having a hole therein, the device

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comprising a plug device including a housing (30; 3; 20; 3) engageable into the hole of the article and the housing including a chamber formed therein and including a spring blade (31; deflectable portion carrying 39; 42, 44; defined by 313) provided therein and including a projection (34; 39; 26; 32) extended therefrom for engaging into the depression of the article, and a hanger device including an actuator (22; 26; 36; 44) extended therefrom and engageable into the chamber of the housing, to selectively engage with the spring blade and to force the projection within the depression of the article; to detachably lock the housing to the article with the actuator of the hanger device, and means (25 and 26; 31-33; 28 and 30; 441) for locking the actuator to the housing of the plug device. The article is not part of the invention, and accordingly limitations drawn thereto are intended use. A recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim.

As to claims 2 and 8, each discloses a peripheral gap (defining 31; on 3 as shown in Figure 2; 34; 313) and Liu, Tong ('607) and Tong ('894) each disclose a plate (31 or lower edge of the cylindrical portion of 30; flexible portion including projection 39; defined by 313).

As to claim 3, each discloses a slot (32 or 33; in 3 as shown in Figure 2; 34; defined by 34) and a protuberance (26; 39; 28; cylindrical part of 44).

As to claim 4, each discloses a peg (22; 26; 36; 44) extended into the slot.

As to claim 5, each discloses the locking means including a latch (33; 33; 30; 37).

As to claim 6, each discloses a flap (26; 27 of 24; 26 or 28; engaging edge of 44).

As to claim 7, Liu, Tong ('607) and Tong ('894) each disclose a peripheral recess (at and part of 33; 35; 333).

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liu and Tong ('607) in view of Tong ('894). The references have been explained in detail above. Tong ('894) further discloses an article (20) having a hole (21) and a depression (22) formed therein. To employ the devices of Liu and Tong ('607) in conjunction with an article having a hole and depression formed therein would have been obvious in view of Tong ('894) in order to better grip the article, as suggested by Tong ('894).

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Shown are similar display devices.

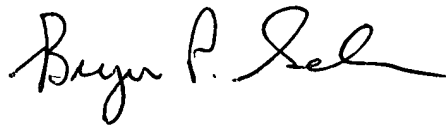
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bryon P. Gehman whose telephone number is (571)

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272-4555. The examiner can normally be reached on Monday through Wednesday from 5:30am to 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mickey Yu, can be reached on (571) 272-4562. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Bryon P. Gehman  
Primary Examiner  
Art Unit 3728

BPG